

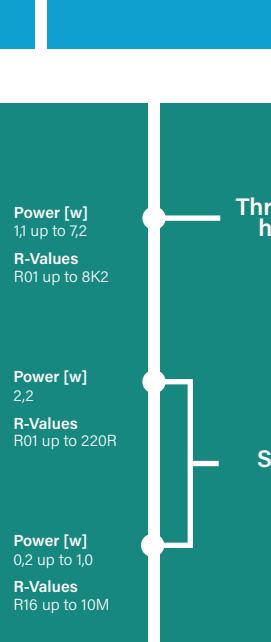
# Finding the right RESISTOR

VITROHM  
a YAGEO company

There's a wide range of resistors you can use on your PCB Board.  
But, which one to choose that best suits your application.

## Safety Resistors

Wirewound resistors that ensure safe and silent fusing operation in overload conditions.



### CRF Series

Description Coated through hole wirewound resistor with ceramic core

Power [w]

1.0 up to 4.5

R-Values

R1 up to 470R



More information

### RWS Series

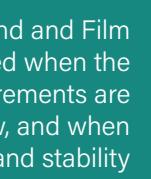
Description Moulded SMD wirewound resistor with ceramic core

Power [w]

2.2

R-Values

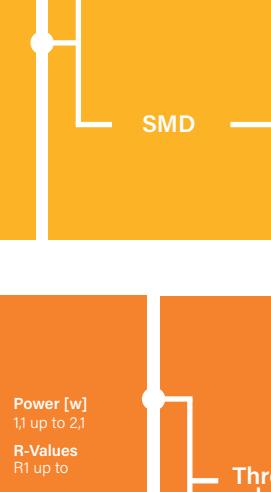
R1 up to 100R



More information

## CRS Series

Description Coated through hole wirewound resistor with ceramic core



Power [w]

1.0 up to 7.2

R-Values

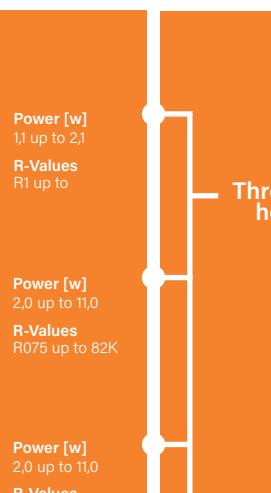
R01 up to 8K2



More information

## RWC Series

Description Moulded SMD wirewound resistor with ceramic core



Power [w]

2.2

R-Values

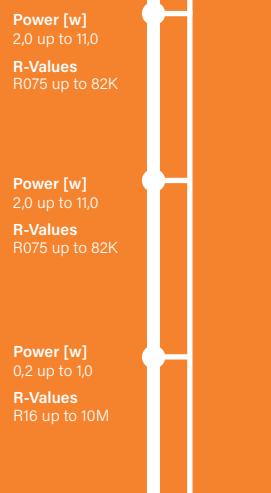
R01 up to 220R



More information

## ZCM Series

Description Coated SMD metal film (melf) resistor



Power [w]

0.2 up to 1.0

R-Values

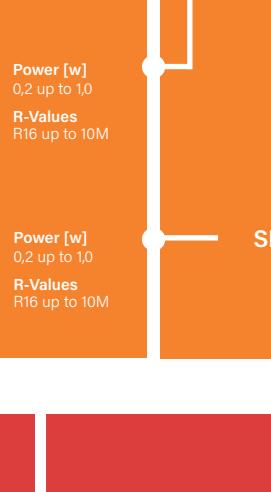
R16 up to 10M



More information

## Pulse Resistors

Wirewound resistors that are able to withstand short duration impulse events, up to rated limits.



### CRP Series

Description Coated through hole wirewound resistor with ceramic core

Power [w]

1.0 up to 7.2

R-Values

R1 up to 5K1



More information

### RWI Series

Description Moulded SMD wirewound resistor with ceramic core

Power [w]

2.2

R-Values

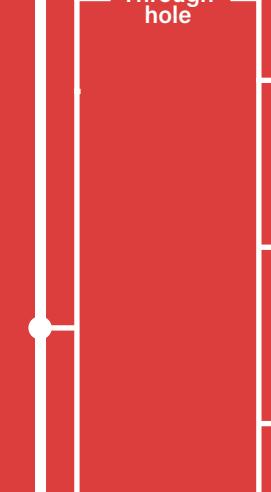
R1 up to 220R



More information

## BWF Series

Description Moulded through hole wirewound fiberglass resistor



Power [w]

1.1 up to 2.1

R-Values

R1 up to



More information

## KFF Series

Description Through hole wirewound fiberglass resistor in ceramic case



Power [w]

2.0 up to 11.0

R-Values

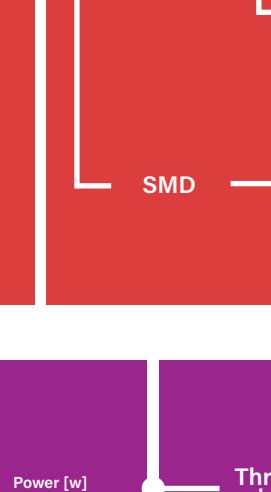
R075 up to 82K



More information

## KTF Series

Description Through hole wirewound fiberglass resistor in ceramic case



Power [w]

2.0 up to 11.0

R-Values

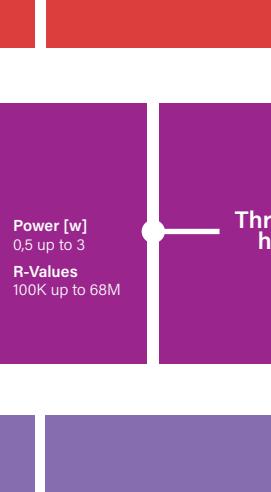
R075 up to 82K



More information

## RXF Series

Description Ceramic case through hole wirewound resistor with ceramic core



Power [w]

0.2 up to 1.0

R-Values

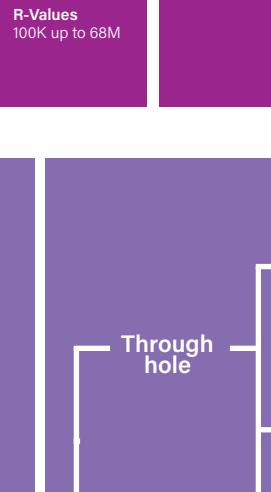
R16 up to 10M



More information

## RFS Series

Description Coated through hole wirewound resistor with ceramic core



Power [w]

0.2 up to 1.0

R-Values

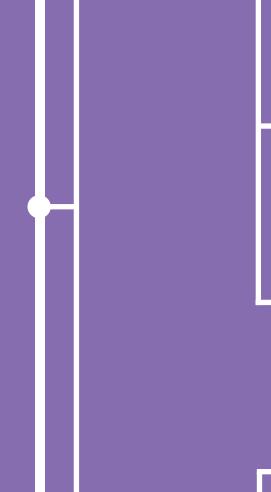
R16 up to 10M



More information

## RWF Series

Description Moulded SMD wirewound fiberglass resistor



Power [w]

0.2 up to 1.0

R-Values

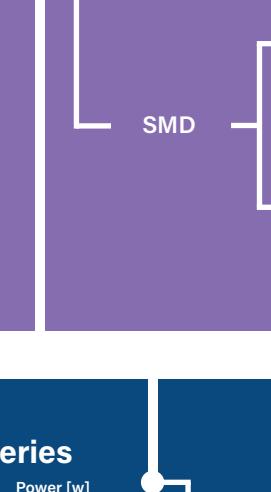
R16 up to 10M



More information

## General Purpose Resistors

Wirewound and film resistors that can be used in various devices and circuits suitable for general applications.



### KPS Series

Description Coated through hole wirewound fiberglass resistor

Power [w]

1.1 up to 8.0

R-Values

R056 up to 36K



More information

### KCS Series

Description Coated through hole wirewound fiberglass resistor

Power [w]

1.1 up to 8.0

R-Values

R056 up to 36K



More information

### RXS Series

Description Coated through hole wirewound resistor with ceramic core

Power [w]

0.6 up to 7.0

R-Values

R01 up to 6K8



More information

### BWS Series

Description Moulded through hole wirewound fiberglass resistor (high insulation voltage)

Power [w]

1.1 up to 2.1

R-Values

R1 up to 2K4



More information

### POS Series

Description Coated through hole film resistor (metal oxide)

Power [w]

0.5 up to 4.0

R-Values

R1 up to 10M



More information

### RWP Series

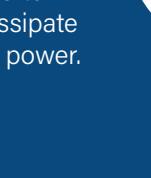
Description Moulded SMD film resistor (metal film)

Power [w]

2.2

R-Values

R1 up to 1M



More information

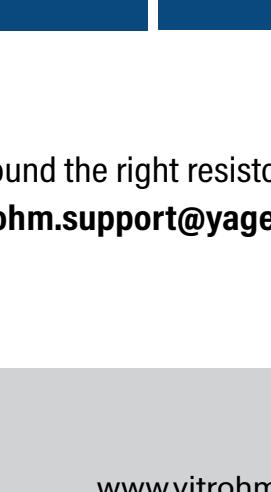
## High Voltage Resistors

Film resistors are designed to withstand and dissipate large amounts of power.



## Shunt Resistors

An EBW and flat wire shunt resistor, also known as current sensor, is required to monitor and control an application. Shunt resistors are similar to normal resistors but with very low resistance rating and high-power rating.



### KNC Series

Description Ceramic case through hole flat wire resistor (metal strip)

Power [w]

4.5 up to 10.0

R-Values

R003 up to R1



More information

### SLR Series

Description Ceramic case through hole flat wire resistor (metal strip)

Power [w]

2.0 up to